

Ilker Ozgen

Software Engineer

Ankara, Turkiye

+90 545 388 04 00

ilkerozgen152@gmail.com • [LinkedIn](#) • [GitHub](#) • [Website](#)

Recent graduate of Bilkent University with a degree in Computer Science. Expertise in Python, Java, C/C++, HTML, CSS, JavaScript, React JS, and SQL. Passionate about programming, data science, machine learning, and problem-solving, consistently applying skills to impactful projects.

AREAS OF EXPERTISE

- Python
- Java
- C/C++
- HTML & CSS
- JavaScript
- React JS
- SQL
- Full-Stack Development
- Machine Learning

PROFESSIONAL EXPERIENCE

HEY TECHNOLOGY

Software Engineer Intern

ODTU Teknokent, Ankara, Turkiye

June 2023–July 2023

- Worked in the data science and machine learning departments.
- Developed and preprocessed 2 complex datasets, reducing feature engineering time by 30%.
- Trained models to predict U.S. cotton export rates.
- Developed predictive maintenance models for factory machinery, reducing downtime by 25%

KONNEKA

Software Engineer Intern

Bilkent CYBERPARK, Ankara, Turkiye

August 2022–September 2022

- Worked in various departments, including software development, testing, and IT support.
- Managed ESXi servers and virtual machines, ensuring 99% uptime.
- Conducted testing for SandBox, identifying 3 bugs and enhancing product reliability by 9%.
- Contributed to front-end development of SandBox, fixing 2 bugs and improving user interface.

EDUCATION

BILKENT UNIVERSITY

Bachelor of Science, Computer Science

Ankara, Turkiye

2019-2024

YALVAC SCIENCE HIGH SCHOOL

High School Diploma

Isparta, Turkiye

2015-2019

LANGUAGES

- Turkish, *Native*
- English, *Highly Proficient*

PROJECTS

AnnoHub

[Project Website](#)

September 2023-present

- Developed a public data labeling platform, winning an entrepreneurship award and securing investment offers.
- Leading efforts to establish a startup for further development and expansion.

Browsify

[Project Website](#)

November 2023-December 2023

- Created a web browser with advanced bookmark management features, enhancing user experience with customizable UI.

Image Inpainting with CNN

[Project Website](#)

November 2023-December 2023

- Designed and trained a convolutional neural network for image inpainting using the CIFAR-100 dataset.

Digit Image Classifier

[Project Website](#)

October 2023-November 2023

- Implemented PCA analysis and logistic regression to classify digit images, achieving 92.27% accuracy.

BBC News Classifier

[Project Website](#)

September 2023-September 2023

- Trained and evaluated Naive Bayes models on BBC news articles, achieving 97.7% accuracy.

To-Do List App

[Project Website](#)

April 2023-April 2023

- Developed a web-based application for efficient task management.

ToEra

[Project Website](#)

September 2022-December 2022

- Built a web application to streamline Erasmus applications at Bilkent University, reducing manual communication by 95%.

AWARDS & CERTIFICATIONS

- | | |
|--|--|
| • High Honour Certificate
<i>Bilkent University</i> | • WEB3 Zirvesi
<i>Turkiye WEB3 Initiative</i> |
| • Certificate of Proficiency in Academic English
<i>Bilkent University</i> | • Java Developer Course Certificate
<i>Udemy</i> |
| • Python Programming Bootcamp
<i>University of Turkish Aeronautical Association</i> | • HTML & CSS Course Certificate
<i>Udemy</i> |
| • Intro to Machine Learning
<i>Kaggle</i> | • CSS & JavaScript Course Certificate
<i>Udemy</i> |
| • Python Course Certificate
<i>Sololearn</i> | • Python (Basic) Certificate
<i>HackerRank</i> |
| • Python for Finance Course Certificate
<i>Sololearn</i> | • Problem Solving (Basic) Certificate
<i>HackerRank</i> |
| • C++ Course Certificate
<i>Sololearn</i> | • Java (Basic) Certificate
<i>HackerRank</i> |